

Lesson 4-2 • Group 2

Reinforce Understanding

4.2 Small Group • Group 2

I can write equivalent fractions, decimals, and percents for the same value, explain what each part stands for, and build one for a situation I have not seen before.

Worked model

A survey found 7 out of 20 students walk to school. Write that as a fraction, a decimal, and a percent.

1. Write the fraction, part over whole: $7/20$
2. Twenty times five makes one hundred, so multiply both terms by five.
3. That gives thirty-five hundredths, written as the decimal 0.35
4. Hundredths read straight across into percent form: 0.35 is 35%

Answer: $7/20$, 0.35, and 35% all name the very same amount.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Place each value on the number line: A = $3/8$, B = 0.6, C = 85%

Mark and label each value on the number line.

Show your thinking

2. Complete each row. Build the fraction out of 100 first — that column hands you the percent.

Complete the table. Show how you found each value.

Fraction	Equivalent fraction out of 100	Decimal	Percent
$2/5$			
		0.125	
			90%
$5/8$			

Show your work

3. Your arcade scoreboard reads 0.25 of the level cleared. What percent and fraction match this score?

Circle the letter of the best answer. Show how you know.

- A. 2.5% and $1/4$
- B. 25% and $1/4$
- C. 25% and $1/5$
- D. 250% and $1/40$

Show your work
